PLEASE ENTER THE AMENDMENT JN 05/09/08

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of

Stuart Stephen Papworth PARKIN et al. Art Unit: 2815

Serial No: 10/720,962 Examiner: J.H. Nguyen

Filed: November 24, 2003 Confirmation No.: 5214

For: MAGNETIC TUNNER Attorney Ref.: ARC920030058US1

JUNCTIONS WITH IMPROVED

TUNNELING

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AMENDMENT

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Commissioner For Patents P.O. Box 1450 Alexandria, VA 22313-1450 REPLY UNDER 37 C.F.R. § 116 EXPEDITED PROCEDURE TECHNOLOGY CENTER 2800

Sir:

In response to the final Office Action mailed January 28, 2008, please amend the above-captioned application as set forth below, and reconsider this application in view of the following remarks.

The Claims are reflected in the listing of the claims that begins on page 2 of this paper.

Remarks and Arguments begin on page 9 of this paper.